

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant :	Brian C. Banister	 <b>METHOD AND APPARATUS FOR IMPROVING TRANSMIT ANTENNA WEIGHT TRACKING USING CHANNEL CORRELATIONS IN A WIRELESS COMMUNICATION SYSTEM</b>	I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  On: January 24, 2007 <i>Barbara Kelly 1/24/07</i> Barbara S. Kelly
App. No. :	10/080,728		
Filed :	February 22, 2002		
Group Art:	2611		
Confirmation No.:	8379		
Examiner:	Burd, Kevin Michael		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

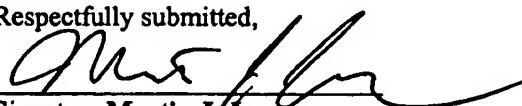
Mail Stop Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the subject application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

- (X) This Information Disclosure Statement is being filed after the receipt of a Final Office Action in accordance with 37 CFR 1.97(d). The information submitted herewith was cited in applications related to the present application more than three months prior to the filing of this information disclosure statement. This information disclosure statement and the information contained herein is being submitted in accordance with 37 CFR 1.97 (d) and (h), and the undersigned hereby requests the Examiner to consider the information contained herein, and if not considered to place the information in the file for the above-referenced patent application.
  
- (XX) According to 37 CFR 1.98(2), copies of the U.S. patent references listed on the attached Form SB-08A are not hereby submitted. All of the listed and attached references cited on Form SB-08B are in the English language.

Date: January 24, 2007

Respectfully submitted,

  
 Signature Martin J. Jaquez  
 Registration No. 38,060

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PTO/SB/08A (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

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Standard Form 1449/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1 of 2

**Complete if Known**

Application Number	10/080,728
Filing Date	February 22, 2002
First Named Inventor	Brian Banister
Art Unit	2611
Examiner Name	Burd, Kevin Michael
Attorney Docket Number	VIA-018-CIP

## U. S. PATENT DOCUMENTS

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature		Date Considered	
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.4. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO

**Complete If Known****INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet

2

of

2

Application Number	10/080,728
Filing Date	February 22, 2002
First Named Inventor	Banister
Art Unit	2611
Examiner Name	Burd, Kevin Michael

Attorney Docket Number

VIA-018-CIP

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	6	Heath, et al., "A Simple Scheme for Transmit Diversity Using Partial Channel Feedback", Information Systems Laboratory, IEEE, 1998, pp. 1073-1078.	
	7	Gerlach, et al., "Base Station Transmitting Antenna Arrays for Multipath Environments", Signal Processing, Vol. 54, No. 1, published by Elsevier, October 1996, pp. 59-73.	
	8	Gerlach, "Adaptive Transmitting Antenna Arrays with Feedback", IEEE 1994, pp. 150-152	
	9	Gerlach, "Adaptive Transmitting Antenna Methods for Multipath Environments", IEEE, Globecom, 1994, pp. 425-429, vol. 1.	
	10	Derryberry, et al., "Transmit Adaptive Arrays without User Specific Pilot", 3GPP2-C30-19990817-030, Portland, Oregon, 8/16-20, 1999, pp. 1-4.	
	11	Harrison, "TX AA Parameter Recommendations", 3GPP2-C30-19990914-010, Tokyo, Japan, September 14, 1999, pp. 1-3.	

Examiner Signature	Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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